Amendments to the Claims:

Please cancel claims 1-7 and 9-15, without prejudice.

Please amend claim 8 and add new claims 16-17 as specified in the following listing of claims.

The listing of claims given below will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Canceled)

2.   (Canceled)

3.   (Canceled)

4.   (Canceled)

5.   (Canceled)

6.   (Canceled)

7.   (Canceled)

8.   (Currently amended) ~~The method as claimed in claim 4, wherein~~ <u>A method for detecting an identity of at least one LED unit that is powered from a power supply via supply terminals, the method comprising the steps of:</u>
    <u>providing, from the power supply, a first electrical quantity to the LED unit; and</u>
    <u>detecting the identity of the LED unit using a second electrical quantity, wherein the second electrical quantity is provided by the LED unit in response to the first electrical quantity;</u>
    <u>wherein:</u>
        <u>(i) the identity of the LED unit is detected via the supply terminals;</u>
        <u>(ii)</u> in order to detect the identity of the LED unit, a voltage that is ~~small in relation to~~ <u>substantially less than that of</u> the power supply is applied <u>to the LED unit;</u>
<u>and</u>
        <u>(iii)</u> ~~and~~ the <u>identity of the</u> LED unit is detected by an impedance of an identification unit, the impedance of the identification unit being ~~small with respect to the LED impedance~~ <u>substantially less than an impedance of the LED unit</u> that is effective at the ~~small~~ voltage applied <u>to the LED unit.</u>

9.   (Canceled)

10.   (Canceled)

11.   (Canceled)

12.   (Canceled)

13.   (Canceled)

14.   (Canceled).

15.   (Canceled)

16.   (New) The method of claim 8, further comprising the step of controlling the power supplied to the LED unit on the basis of the detected identity of the LED unit.

17.   (New) The method of claim 8, wherein the steps of providing and detecting are performed repeatedly during operation of the LED unit .